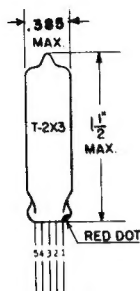


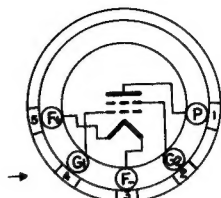
TUNG-SOL**PENTODE**

SUBMINIATURE TYPE

**GLASS BULB**

DOT IS ADJACENT TO LEAD 1

FILAMENT
1.25±20% VOLTS 0.02 AMP.
AC OR DC
ANY MOUNTING POSITION

**BOTTOM VIEW**

0.016" TINNED
FLEXIBLE LEADS
0.048" CENTER-
TO-CENTER

THE 6088 IS A SUBMINIATURE POWER AMPLIFIER PENTODE OF LOW CURRENT DESIGNED FOR USE IN PORTABLE AND WEARABLE EQUIPMENT. THE FLEXIBLE LEADS MAY BE SOLDERED OR WELDED DIRECTLY TO THE TERMINALS OF CIRCUIT COMPONENTS WITHOUT THE USE OF SOCKETS. STANDARD SUBMINIATURE SOCKETS MAY BE USED BY CUTTING THE LEADS TO A SUITABLE LENGTH.

RATINGS

ABSOLUTE MAXIMUM VALUES

| | | |
|-----------------------------|----------|-------|
| FILAMENT VOLTAGE | 1.25±20% | VOLTS |
| MAXIMUM PLATE VOLTAGE | 67.5 | VOLTS |
| MAXIMUM SCREEN GRID VOLTAGE | 67.5 | VOLTS |
| MAXIMUM CATHODE CURRENT | 1.5 | MA. |

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

| | | |
|---------------------------------|-------|---------|
| FILAMENT VOLTAGE | 1.25 | VOLTS |
| FILAMENT CURRENT | 0.02 | AMP. |
| PLATE VOLTAGE | 45 | VOLTS |
| SCREEN GRID VOLTAGE | 45 | VOLTS |
| CONTROL GRID VOLTAGE | -1.25 | VOLTS |
| ZERO-SIGNAL PLATE CURRENT | 650 | μA. |
| ZERO-SIGNAL SCREEN GRID CURRENT | 150 | μA. |
| TRANSCONDUCTANCE | 625 | μMHOS |
| PLATE RESISTANCE (APPROX.) | 0.7 | MEGOHMS |
| LOAD RESISTANCE | 0.08 | MEGOHMS |
| POWER OUTPUT | 10.5 | MW. |
| DISTORTION (APPROX.) | 10 | PERCENT |

→ INDICATES A CHANGE.

